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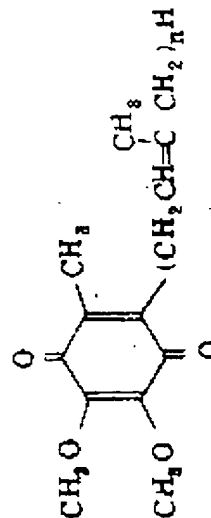
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## (54) UBIQUINONE PHARMACEUTICAL HAVING IMPROVED ABSORPTION

## (57)Abstract:

PURPOSE: A ubiquinone pharmaceutical, useful for improving angina pectoris, e.g. ischemic heart disease, having improved absorption in the body by the oral administration, prepared by dispersing the ubiquinone in an oil, and filling the resultant dispersion into capsules of particle diameter  $\leq 3\text{mm}$ , and having the vitamin E action.

CONSTITUTION: A ubiquinone expressed by the formula (n is an integer 1W10) is dispersed in an oil, preferably an essential oil, e.g. peppermint oil or spearmint oil, containing carvone, particularly the carvone, in the form of molecules and/or fine particles, and the resultant dispersion is then filled into capsules having a particle diameter  $\leq 3\text{mm}$ . Alternatively, the ubiquinone is dispersed in the oil and filled into capsules. The resultant capsules and an enzymic group containing a digestive enzyme, preferably pancreatin, are incorporated into the respective pharmaceutical units. Thus, a ubiquinone pharmaceutical having good absorption



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particularly in digestive tracts, a large area (AUC) under the curve of concentration in blood after the oral administration, and high bioavailability and good lymphatic absorption is obtained.

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